

This guide will show you how to remove and replace the cooling fan in the Dell Inspiron 11-3152.

This image shows the internal hardware of a laptop, laid out on a flat surface. The central component is the green motherboard, which features several integrated circuits, capacitors, and other electronic components. A large black cooling fan is positioned on the left side of the board. To the right of the fan, there are two blue RAM modules installed in their respective slots. Below the RAM, a silver-colored storage drive is visible, secured with screws. Various cables and connectors are attached to the board, including a white ribbon cable at the bottom labeled "D624 B0C 80V YW-1" and "HAWKING-S4". Other labels include "AM2L2", "ATX 12V", and "CE". A small white label with a QR code and serial number "S/N: 20180427" is also present near the fan. The overall layout suggests a disassembly or repair process.

## INTRODUCTION

To access the fan you will have already removed the back panel of the laptop.

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### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
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## Step 1 — Back Panel



- Flip the computer over.

## Step 2



- Remove all nine 5mm Phillips head screws from the back cover using #0 Phillips head.

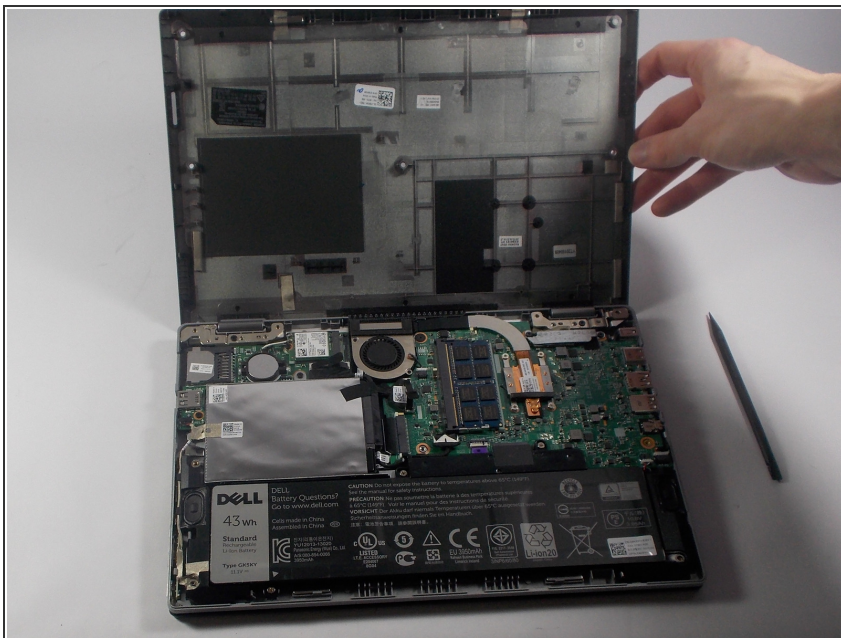


### Step 3



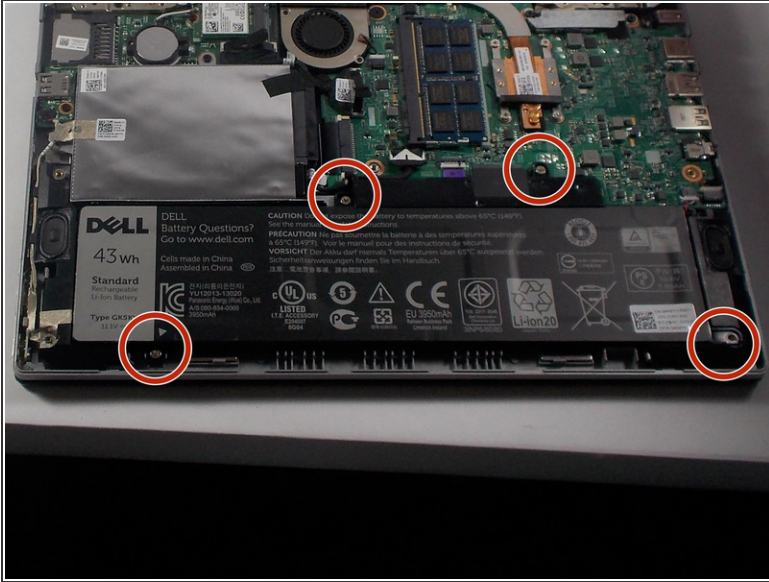
- Gently use a spudger to pull the cover away from the rest of the laptop. The cover will come off after you use the tool on two or three sides.

### Step 4 — Battery



- ⚠ Make sure that the power is off.
- After taking off the back panel, you will see the battery located at the bottom of the computer system. It's black and is clearly labeled "dell battery".

## Step 5



- Locate the battery at the bottom of the computer and remove the four 3mm screws with a Phillips #0 head that hold the battery down.

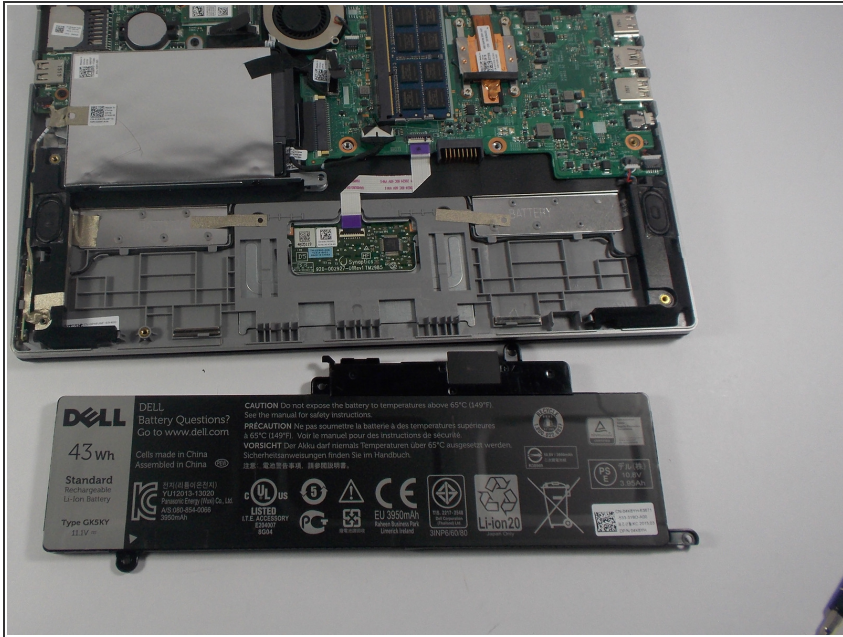
## Step 6



- Remove the Solid State Drive wire from the battery clip by detaching the wire.
- This can be done by gently pulling the connector away from the battery clip.

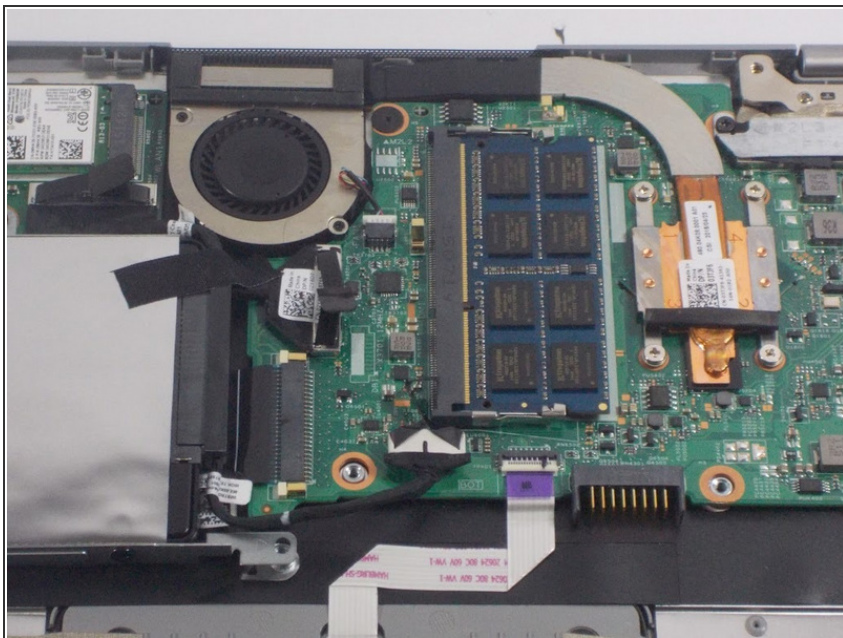


## Step 7



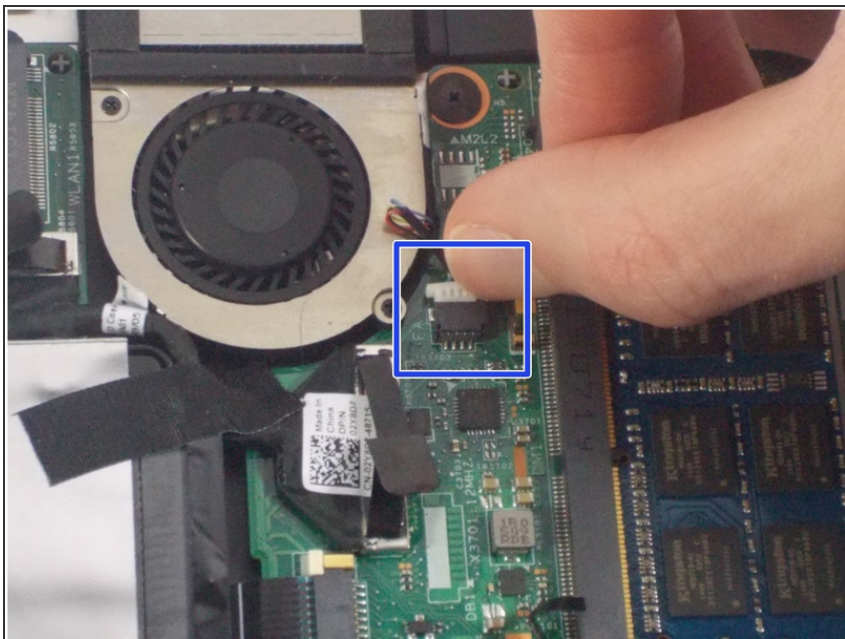
- Remove the battery from the computer system by gently lifting it from the side.

## Step 8 — Cooling Fan



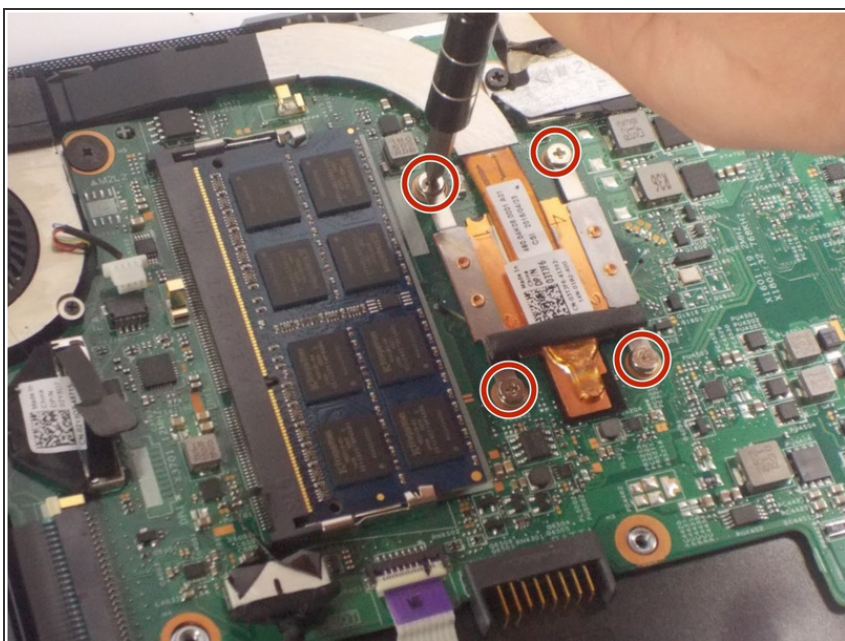
- Locate the cooling fan.
- The cooling fan is the curved metal piece in the top center of the laptop, opposite the battery.

## Step 9



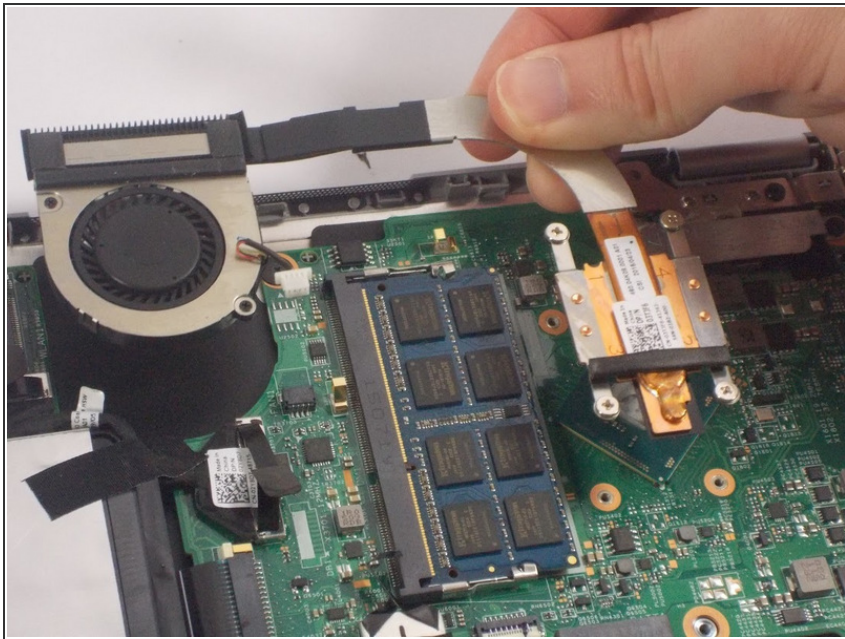
- Using your fingernail, unplug the white power cable connector to the right of the cooling fan by pushing it away from the port.

## Step 10



- Remove the four 3mm screws using a Phillips #0 head.

## Step 11



- Gently remove the fan.

To reassemble your device, follow these instructions in reverse order.

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